



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600CW (Cottonwood Pass)	Test Result: Pass

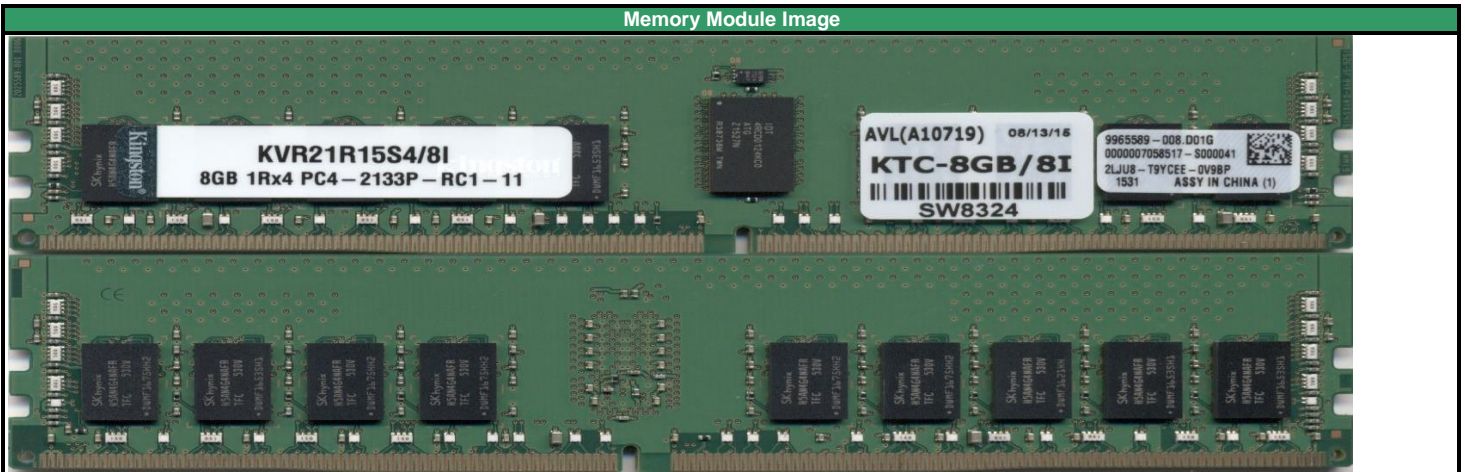
Leveraged System(s): N/A

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21R15S4/8I	RDIMM	1.2V	8GB	1Gx72	2133	15	C	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Kingston	H5AN4G4NAFR-TFC	4Gb	1024Mx4bit	1530	IDT	A	(1024Mx4)*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR21R15S4K4/32I	RDIMM	1.2V	15	2133	
2						
3						
4						
5						
6						

System Configuration		
SETUP	System #1	System #2
AVL S/N	SU9557	SU9556
System S/N	FWCT44150269 / LVPP	FWCT44150034 / HVPP
Board Rev. (PBA)	H44615-202	
CPU Type	E5-2695 v3 / 2.30 GHz	
Chipset	C610	
BIOS / Date	01.01.0009 / 06/01/2015	
BMC / ME	01.28.8586 / 03.00.07.168	
FUR/SDR	1.10	
OS	Windows Server 2012 R2	
Test Tool	iWVSS 2.6.1, SELViewer, Syscfg, WinPIRA	

Testing Summary		
Test Items	Test Description	Test Results
1. Latest BIOS Upgrade & Configuration check	Record memory Size and Speed detection from BIOS	Done
2. SPD Check	DIMM SPD content check for JEDEC compliance	Pass
3. Memory Stress	Test for 6 hours @ Max and Min Loading	HVDD/HVPP Hot Pass
4. Memory Stress		HVDD/HVPP Cold Pass
5. Memory Stress		LVDD/LVPP Hot Pass
6. Memory Stress		LVDD/LVPP Cold Pass
Note:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	08/18/15	AVL A#	A10719	AVL W/O	WD4032
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		8/14/2015				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SW8332	P	P	P	P	
CPU1 A2						
CPU1 B1	SW8333	P	P	P	P	
CPU1 B2						
CPU1 C1	SW8334	P	P	P	P	
CPU1 C2						
CPU1 D1	SW8335	P	P	P	P	
CPU1 D2						
CPU2 E1	SW8336	P	P	P	P	
CPU2 E2						
CPU2 F1	SW8337	P	P	P	P	
CPU2 F2						
CPU2 G1	SW8338	P	P	P	P	
CPU2 G2						
CPU2 H1	SW8339	P	P	P	P	
CPU2 H2						

4C						
Maximum Loading						
Start Date		08/14/15				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SW8354	P	P	P	P	
CPU1 A2	SW8355	P	P	P	P	
CPU1 B1	SW8356	P	P	P	P	
CPU1 B2	SW8357	P	P	P	P	
CPU1 C1	SW8358	P	P	P	P	
CPU1 C2	SW8359	P	P	P	P	
CPU1 D1	SW8360	P	P	P	P	
CPU1 D2	SW8361	P	P	P	P	
CPU2 E1	SW8362	P	P	P	P	
CPU2 E2	SW8363	P	P	P	P	
CPU2 F1	SW8364	P	P	P	P	
CPU2 F2	SW8365	P	P	P	P	
CPU2 G1	SW8366	P	P	P	P	
CPU2 G2	SW8367	P	P	P	P	
CPU2 H1	SW8368	P	P	P	P	
CPU2 H2	SW8369	P	P	P	P	